

REQUEST FOR PURCHASE IN EXCESS OF \$20,000/CHANGE ORDER



To: Mayor and Council

From: Ann Kattreh, Parks and Recreation Director

Date: May 7, 2013

Subject: REVISED - Request for purchase – New Main Pool Boiler at the Aquatic Center

Agenda Item #: IV.H.

The Recommended Bid is

☒ Within Budget

☐ Not Within Budget

Date Bid Opened or Quote Received:

April 1, 2013

Bid or Expiration Date:

May 15, 2013

Company:

Aqua Logic
US Mechanical
Gilbert Mechanical

Amount of Quote or Bid:

\$29,780.00
\$33,930.00
\$38,200.00

Recommended Quote or Bid:

Aqua Logic

General Information:

This request is for the purchase of a main pool boiler. The current boiler for the man pool was installed in 2002. The useful life is estimated at 10 years. The boiler was assessed by Gilbert Mechanical in August of 2012. The recommendation was to replace before the 2013 season. The burners are rusting and there are small burner holes that are plugged on the main burners. There is also damage to the tube bundles which cause firing problems. The boiler has to be manually adjusted for temperature, which can take a toll, depending on the operator.

The replacement boiler would have an auto tempering loop that will provide more consistency and may extend the life of the boiler. The recommended boiler runs with 89% efficiency. The existing boiler is also 89% efficient but has to be manually adjusted for temperature, which affects the life of the boiler.

The boiler heats the main pool, which has a capacity of 680,000 gallons. Besides daily admissions and season passes, the main pool also generates revenue through swim team rentals, swim lessons, birthday parties and group rentals.

The price is broken down as follows:

| | | |
|--------------------|---------------------------|----------|
| Aqua Logic | Lochinvar Model #CPN 2072 | \$29,780 |
| US Mechanical | Lochinvar Model #CPN 2072 | \$33,930 |
| Gilbert Mechanical | Lochinvar Model #CPN 2072 | \$38,200 |

There is \$47,000 in the 2013 CIP budget to replace the main pool boiler. We considered adding a 96% efficient boiler for an additional \$19,000, but determined that it did not provide an adequate return of investment due to the limited use of this boiler. With normal summer weather conditions, once this water reaches the set point, the boiler runs infrequently. In addition, the boiler room does have space limitations that would not allow us to maintain minimum service and access clearances to all equipment.